

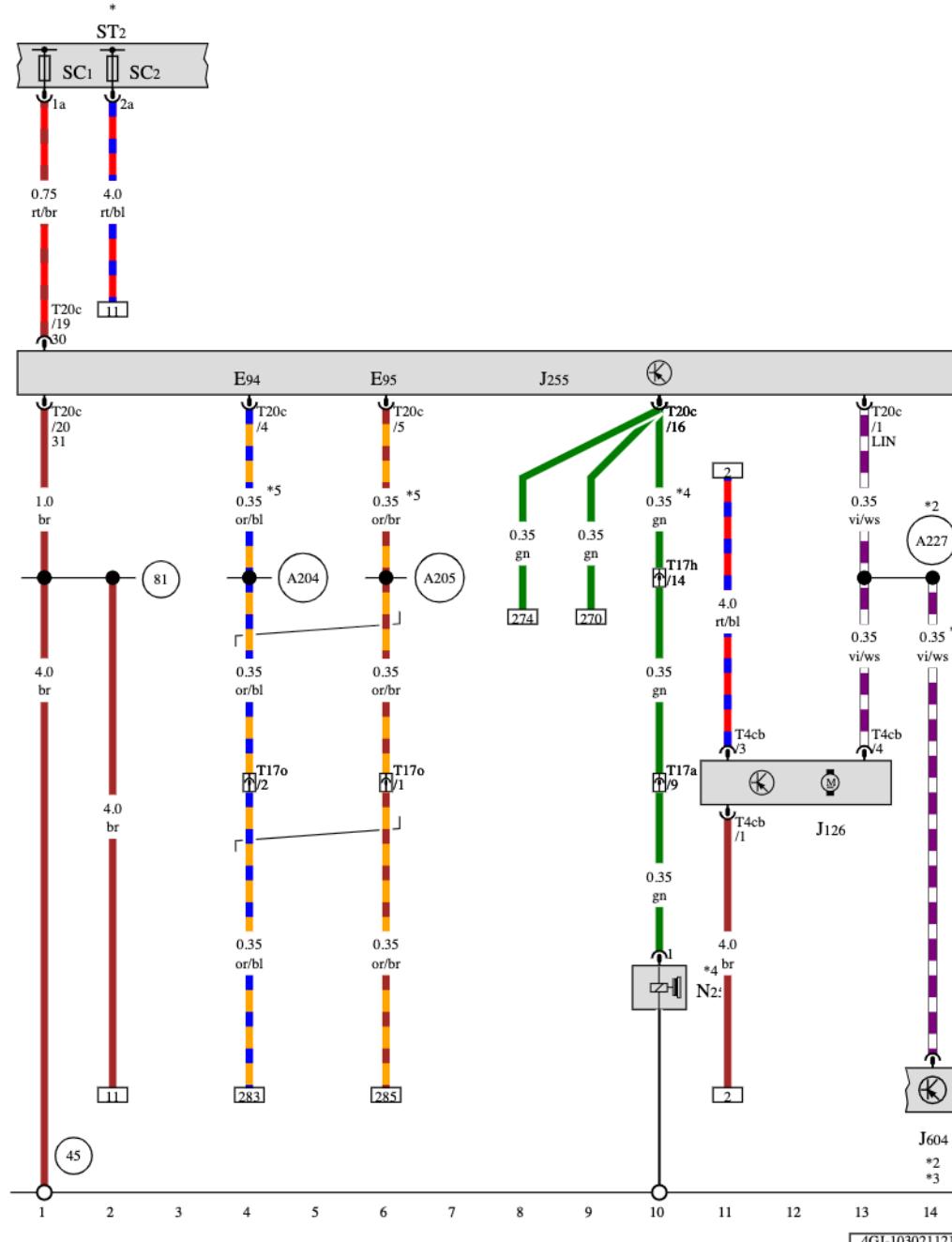
Climate Control, Comfort Climatronic , (9AQ)

From September 2014



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Fresh Air Blower Control Module, Climatronic Control Module, A/C Clutch

- E94 Heated Driver Seat Adjuster
- E95 Heated Front Passenger Seat Adjuster
- J126 Fresh Air Blower Control Module
- J255 Climatronic Control Module
- J604 Auxiliary Heater Control Module
- N25 A/C Clutch
- SC1 Fuse 1 (On Fuse Panel C)
- SC2 Fuse 2 (On Fuse Panel C)
- ST2 Fuse Panel 2
- T4cb 4-Pin Connector
- T17a 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, White
- T17h 17-Pin Connector, In the Left A-Pillar Connector Station, Red
- T17o 17-Pin Connector, In the Connector Station, Right A-Pillar
- T20c 20-Pin Connector
- 45 Ground Connection Behind Instrument Panel, Center
- 81 Ground Connection 1 (in Instrument Panel Wiring Harness)
- A204 Instrument Cluster CAN Bus High Connection (in Instrument Panel Wiring Harness)
- A205 Instrument Cluster CAN Bus Low Connection (in Instrument Panel Wiring Harness)

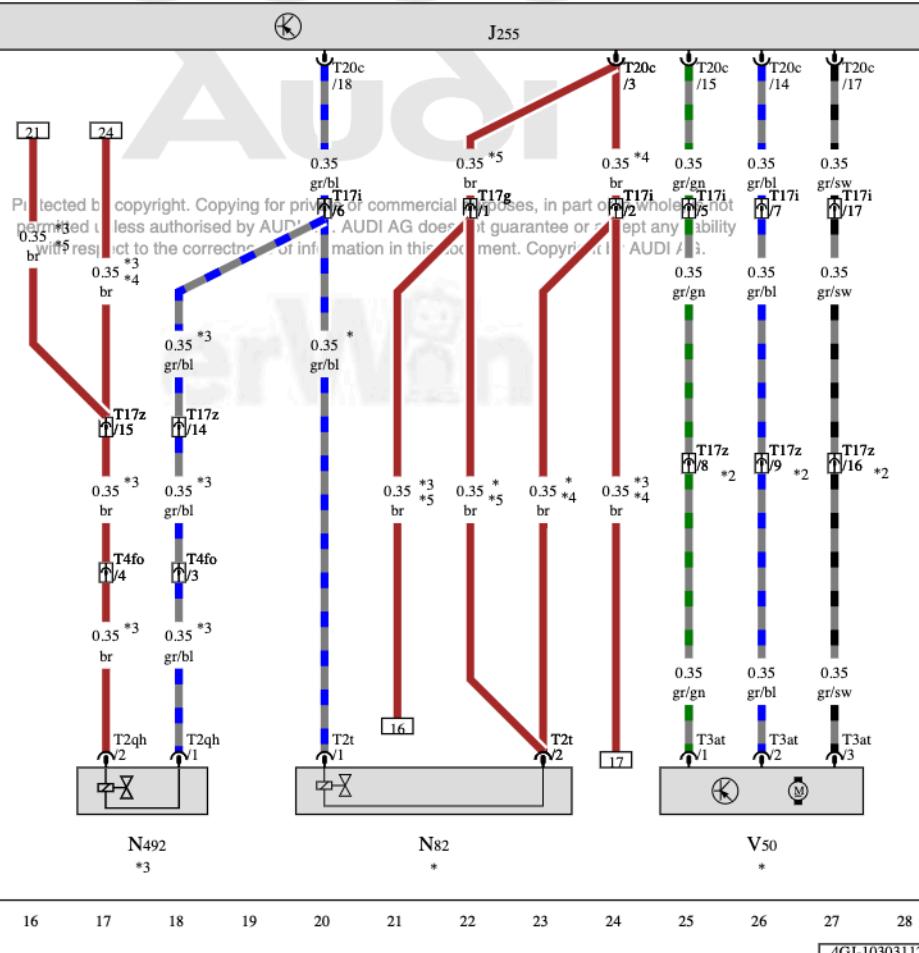
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- * Refer to Applicable Wiring Diagram for Fuse Positions
- *2 For Vehicles with Hybrid Drive
- *3 Refer to Applicable Engine Wiring Diagram
- *4 Depending on Equipment
- *5 Data Bus Wire (CAN Bus)

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= lilac
vi	= lilac
ge	= yellow
or	= orange
rs	= pink

Climatronic Control Module, Coolant Shut-Off Valve,
Cooling Circuit Solenoid Valve, Coolant Recirculation
Pump

- J255 Climatronic Control Module
- N82 Coolant Shut-Off Valve
- N492 Cooling Circuit Solenoid Valve
- T2qh 2-Pin Connector
- T2t 2-Pin Connector
- T3at 3-Pin Connector
- T4fo 4-Pin Connector, In the Engine/Motor Compartment, Left
- T17g 17-Pin Connector, In the Connector Station, Right A-Pillar
- T17i 17-Pin Connector, In the Left A-Pillar Connector Station
- T17z 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, Brown
- T20c 20-Pin Connector
- V50 Coolant Recirculation Pump
- * For Vehicles Without Parking Heater
- *2 For Vehicles with a 2.0L Engine
- *3 For Vehicles with Hybrid Drive
- *4 For LHD Vehicles
- *5 For RHD Vehicles

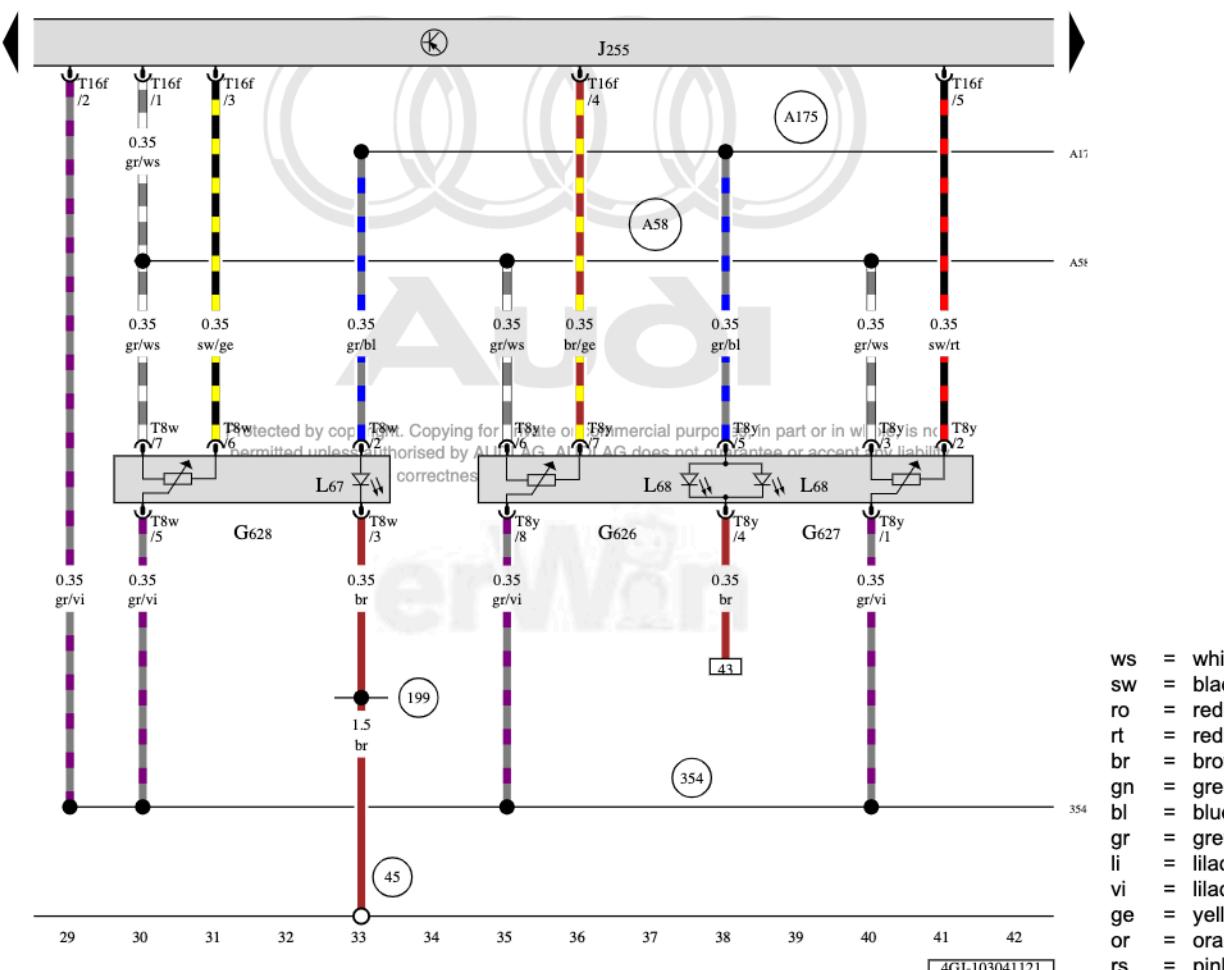


ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= lilac
vi	= lilac
ge	= yellow
or	= orange
rs	= pink

Position Sensor in Left Center Vent, Position Sensor in Left Side Vent, Climatronic Control Module

G626 Position Sensor in Left Center Vent
 G627 Position Sensor in Right Center Vent
 G628 Position Sensor in Left Side Vent
 J255 Climatronic Control Module
 L67 Left Instrument Panel Vent Illumination Bulb
 L68 Center Instrument Panel Vent Illumination Bulb
 T8w 8-Pin Connector
 T8y 8-Pin Connector
 T16f 16-Pin Connector

- 45 Ground Connection Behind Instrument Panel, Center
- 199 Ground Connection 3 (in Instrument Panel Wiring Harness)
- 354 Ground Connection 6 (in Instrument Panel Wiring Harness)
- A58 5 Volt Connection (in Instrument Cluster Wiring Harness)
- A175 Connection 58s (in Instrument Panel Wiring Harness)



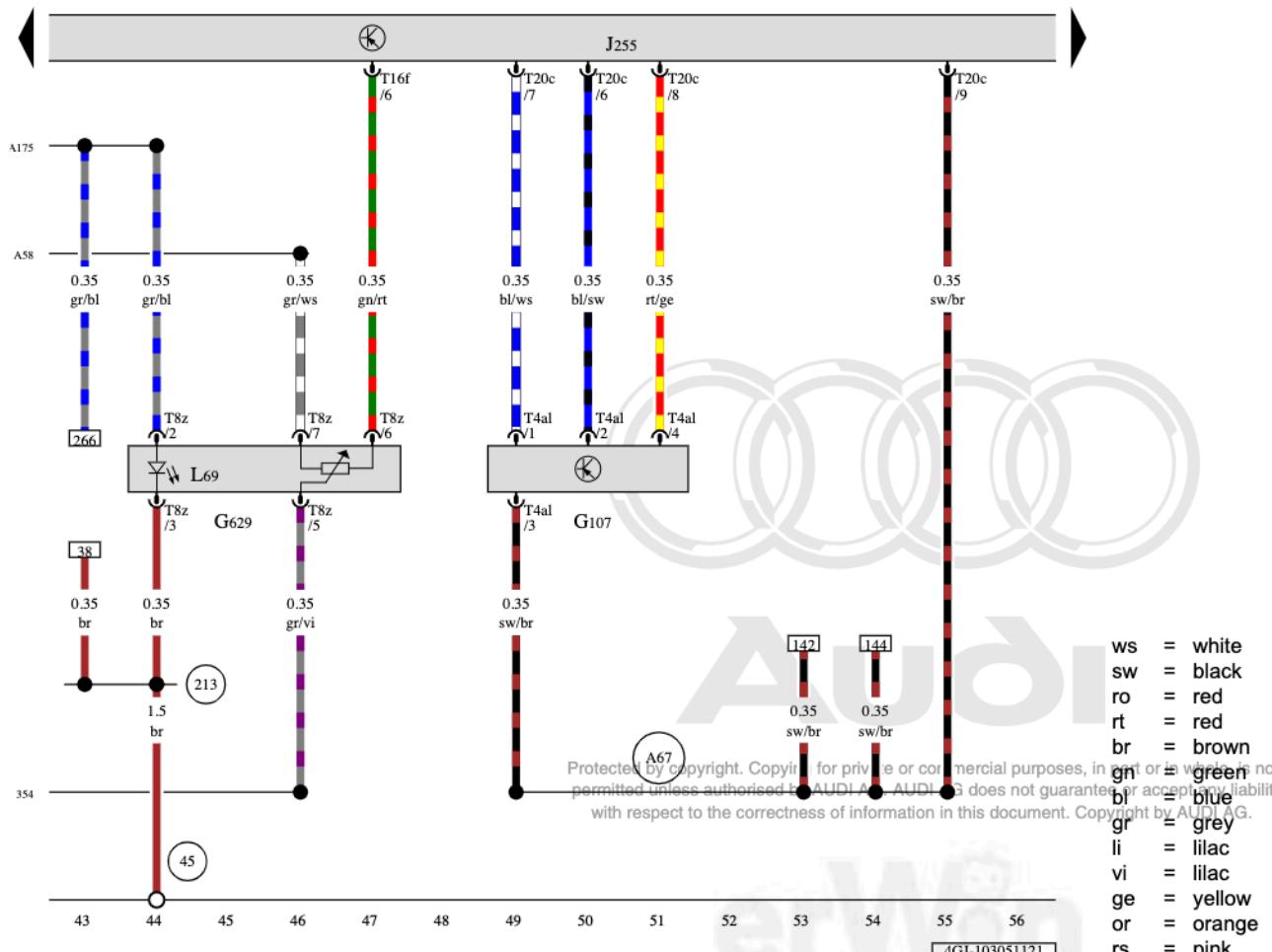
Legend for wire colors:

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sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= lilac
vi	= lilac
ge	= yellow
or	= orange
rs	= pink

Sunlight Photo Sensor, Position Sensor in Right Side Vent, Climatronic Control Module

G107 Sunlight Photo Sensor
 G629 Position Sensor in Right Side Vent
 J255 Climatronic Control Module
 L69 Right Instrument Panel Vent Illumination Bulb
 T4al 4-Pin Connector
 T8z 8-Pin Connector
 T16f 16-Pin Connector
 T20c 20-Pin Connector

- (45) Ground Connection Behind Instrument Panel, Center
- (213) Ground Connection (in Instrument Panel Wiring Harness)
- (354) Ground Connection 6 (in Instrument Panel Wiring Harness)
- (A58) 5 Volt Connection (in Instrument Cluster Wiring Harness)
- (A67) A/C System Connection (31) (in Instrument Panel Wiring Harness)
- (A175) Connection 58s (in Instrument Panel Wiring Harness)

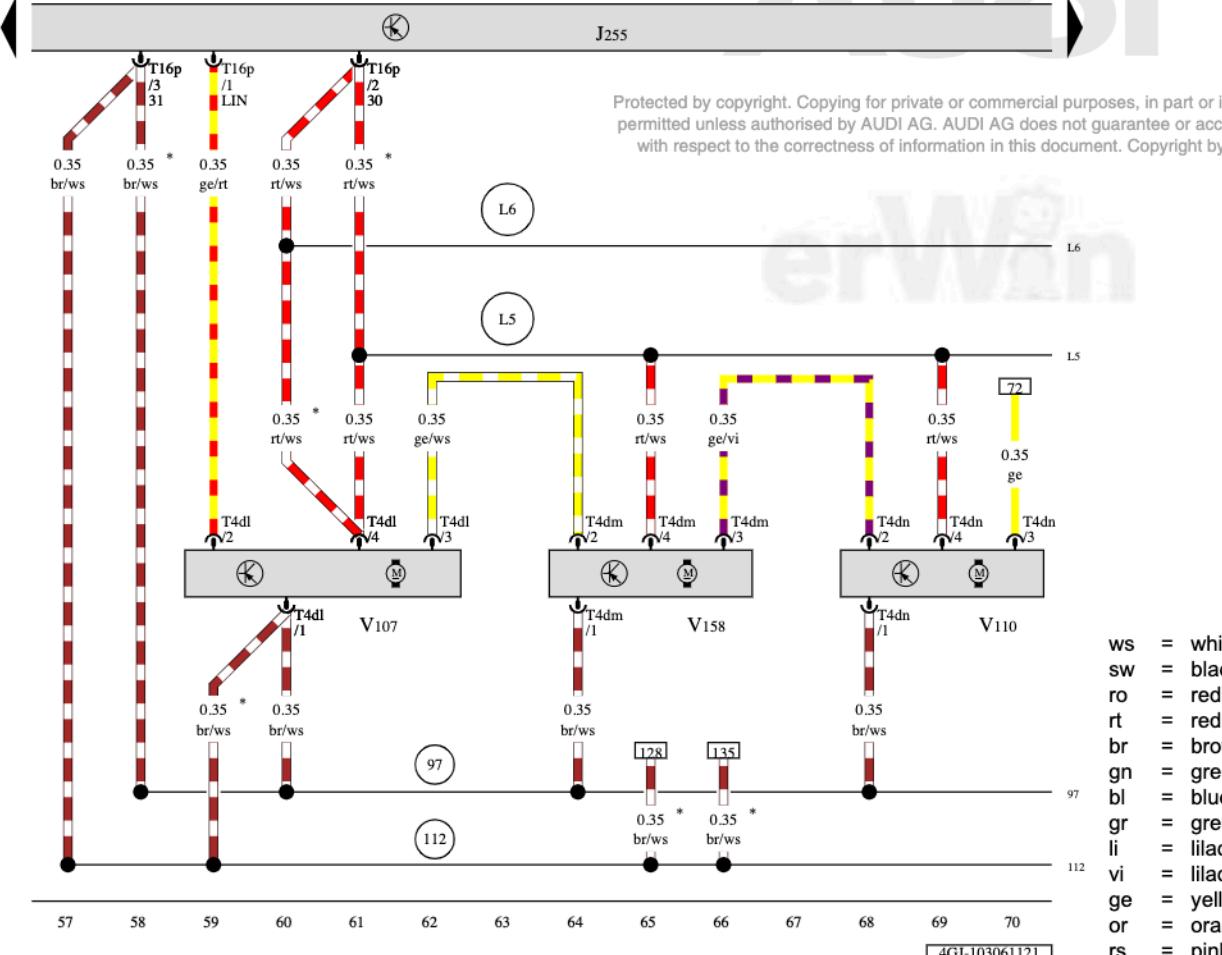


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Climatronic Control Module, Defroster Door Motor, Left Center Vent Motor, Left Temperature Control Door Motor

J255 Climatronic Control Module
 T4dl 4-Pin Connector
 T4dm 4-Pin Connector
 T4dn 4-Pin Connector
 T16p 16-Pin Connector
 V107 Defroster Door Motor
 V110 Left Center Vent Motor
 V158 Left Temperature Control Door Motor

- (97) Ground Connection 1 (in A/C Wiring Harness)
 - (112) Ground Connection 2 (in A/C Wiring Harness)
 - (L5) Connection 1 (in A/C Unit Wiring Harness)
 - (L6) Connection 2 (in A/C Unit Wiring Harness)
- * For RHD Vehicles

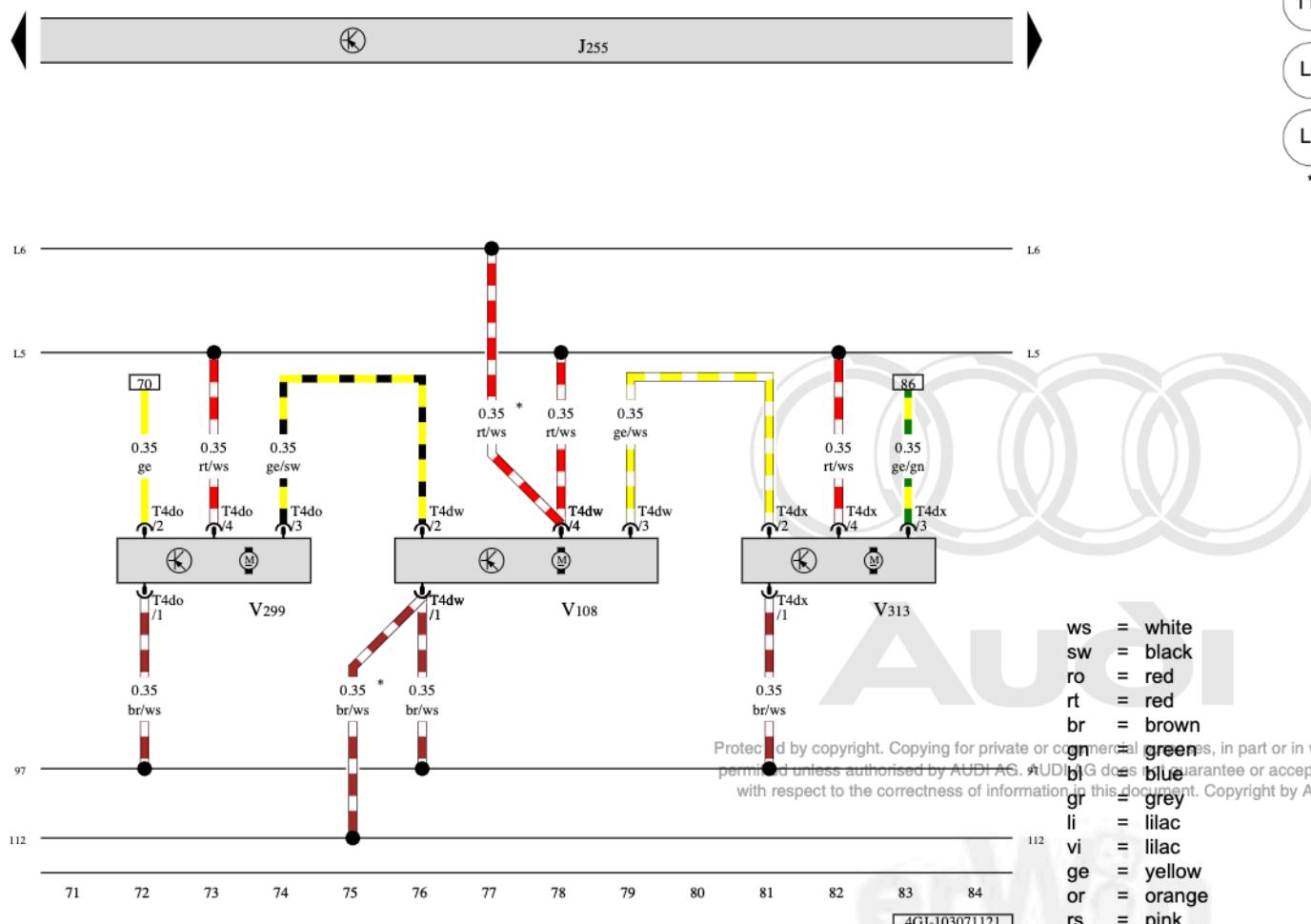


ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= lilac
vi	= lilac
ge	= yellow
or	= orange
rs	= pink

Climatronic Control Module, Left Footwell Door Motor, Left Side Vent Adjustment Motor, Left Rear Temperature Control Door Motor

J255 Climatronic Control Module
 T4do 4-Pin Connector
 T4dw 4-Pin Connector
 T4dx 4-Pin Connector
 V108 Left Footwell Door Motor
 V299 Left Side Vent Adjustment Motor
 V313 Left Rear Temperature Control Door Motor

- 97 Ground Connection 1 (in A/C Wiring Harness)
 - 112 Ground Connection 2 (in A/C Wiring Harness)
 - L5 Connection 1 (in A/C Unit Wiring Harness)
 - L6 Connection 2 (in A/C Unit Wiring Harness)
- * For RHD Vehicles



Climatronic Control Module, Left Rear Air Door Motor,
Right Rear Air Door Motor

J255 Climatronic Control Module

T4dy 4-Pin Connector

T4dz 4-Pin Connector

V239 Left Rear Air Door Motor

V240 Right Rear Air Door Motor

97 Ground Connection 1 (in A/C Wiring Harness)

112 Ground Connection 2 (in A/C Wiring Harness)

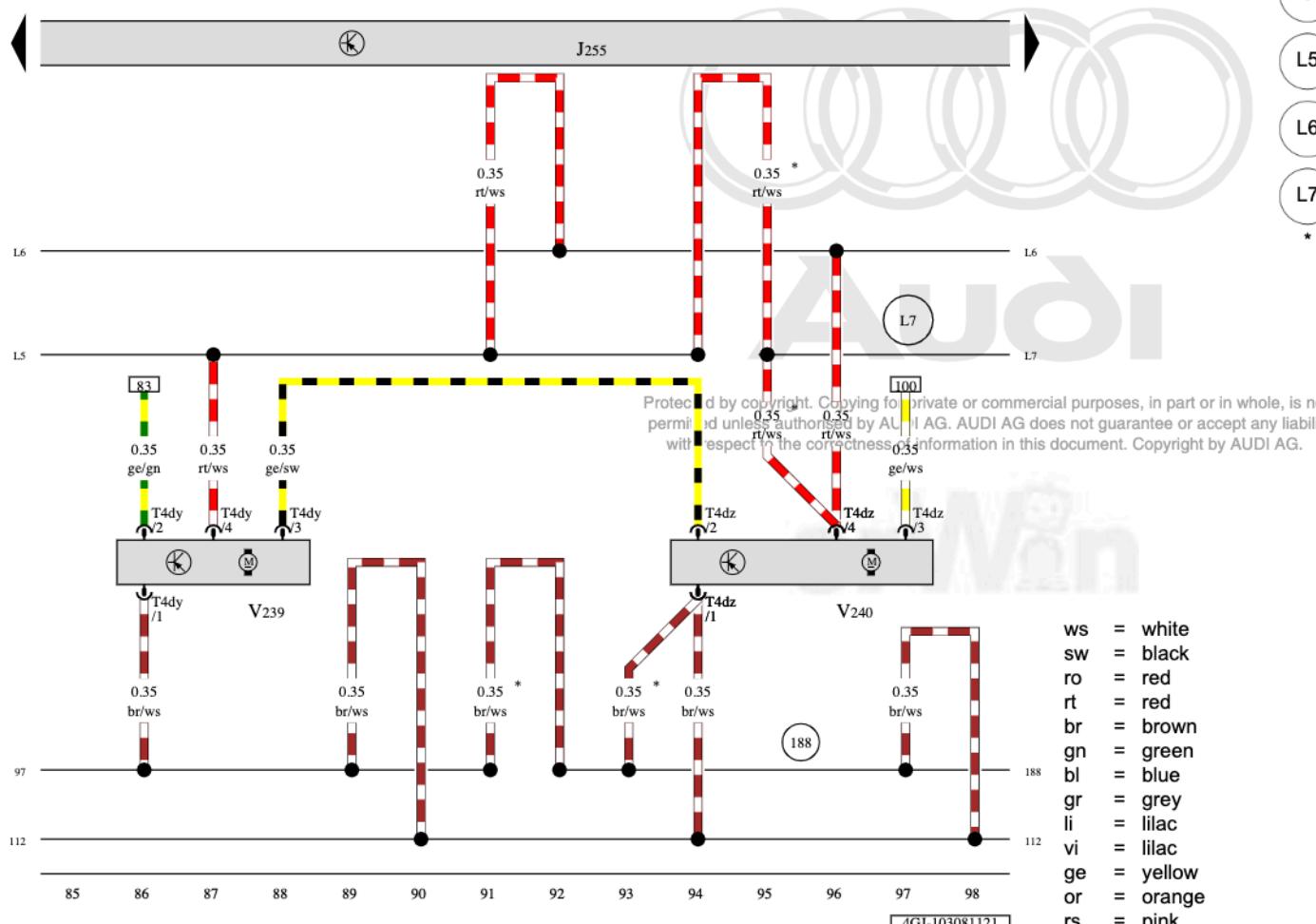
188 Ground Connection 3 (in A/C Wiring Harness)

L5 Connection 1 (in A/C Unit Wiring Harness)

L6 Connection 2 (in A/C Unit Wiring Harness)

L7 Connection 3 (in A/C Unit Wiring Harness)

* For RHD Vehicles



ws = white
 sw = black
 ro = red
 rt = red
 br = brown
 gn = green
 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Climatronic Control Module, Right Side Vent Adjustment Motor

J255 Climatronic Control Module
 T4dq 4-Pin Connector
 T4ea 4-Pin Connector
 T4eb 4-Pin Connector
 V109 Right Footwell Door Motor
 V300 Right Side Vent Adjustment Motor
 V314 Right Rear Temperature Control Door Motor

112 Ground Connection 2 (in A/C Wiring Harness)

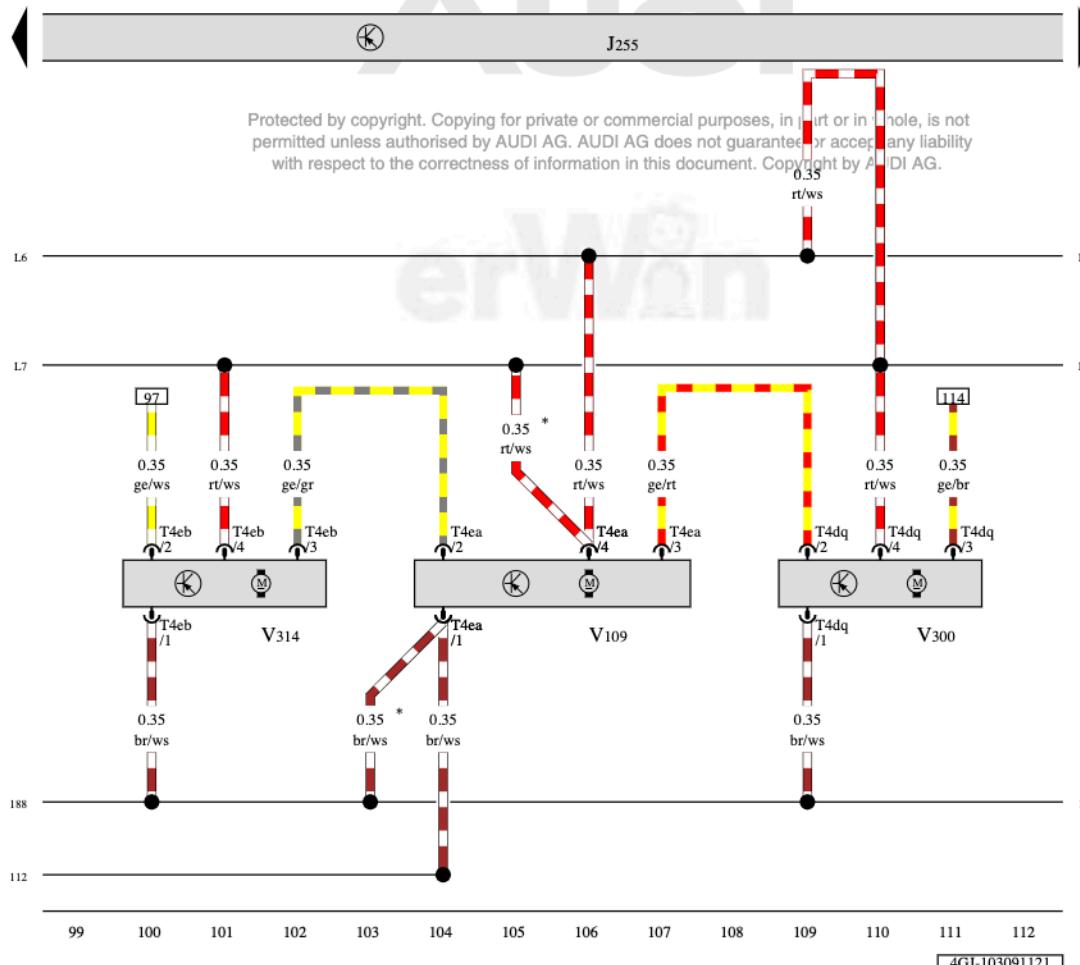
188 Ground Connection 3 (in A/C Wiring Harness)

L6 Connection 2 (in A/C Unit Wiring Harness)

L7 Connection 3 (in A/C Unit Wiring Harness)

* For RHD Vehicles

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 bl = blue
 gr = grey
 li = lilac
 vi = lilac
 ge = yellow
 or = orange
 rs = pink

Climatronic Control Module, Right Center Vent Motor,
Right Temperature Control Door Motor, Indirect Ventilation
Door Motor

J255 Climatronic Control Module
T4dr 4-Pin Connector
T4ds 4-Pin Connector
T4ec 4-Pin Connector
V111 Right Center Vent Motor
V159 Right Temperature Control Door Motor
V213 Indirect Ventilation Door Motor

188 Ground Connection 3 (in A/C Wiring Harness)

243 Ground Connection 1 (in Climatronic Wiring Harness)

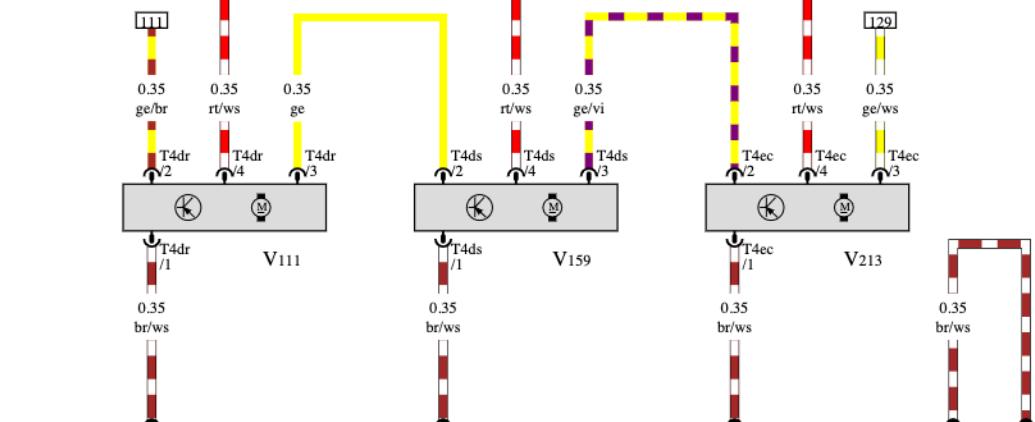
L6 Connection 2 (in A/C Unit Wiring Harness)

L7 Connection 3 (in A/C Unit Wiring Harness)



L6 —————— L6

L7 —————— L7



113 114 115 116 117 118 119 120 121 122 123 124 125 126

ws = white
sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = lilac
vi = lilac
ge = yellow
or = orange
rs = pink

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Climatronic Control Module, Back Pressure Door Motor, Recirculation Door Motor

J255 Climatronic Control Module

T4dt 4-Pin Connector

T4du 4-Pin Connector

V71 Back Pressure Door Motor

V113 Recirculation Door Motor

(243) Ground Connection 1 (in Climatronic Wiring Harness)

L6 Connection 2 (in A/C Unit Wiring Harness)

L7 Connection 3 (in A/C Unit Wiring Harness)

L8 Connection 4 (in A/C Unit Wiring Harness)

* For RHD Vehicles

J255

L8

V71

V113

V243

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ws
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li
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ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= lilac
vi	= lilac
ge	= yellow
or	= orange
rs	= pink

Left Vent Temperature Sensor, Left Footwell Vent Temperature Sensor, Evaporator Vent Temperature Sensor, Climatronic Control Module

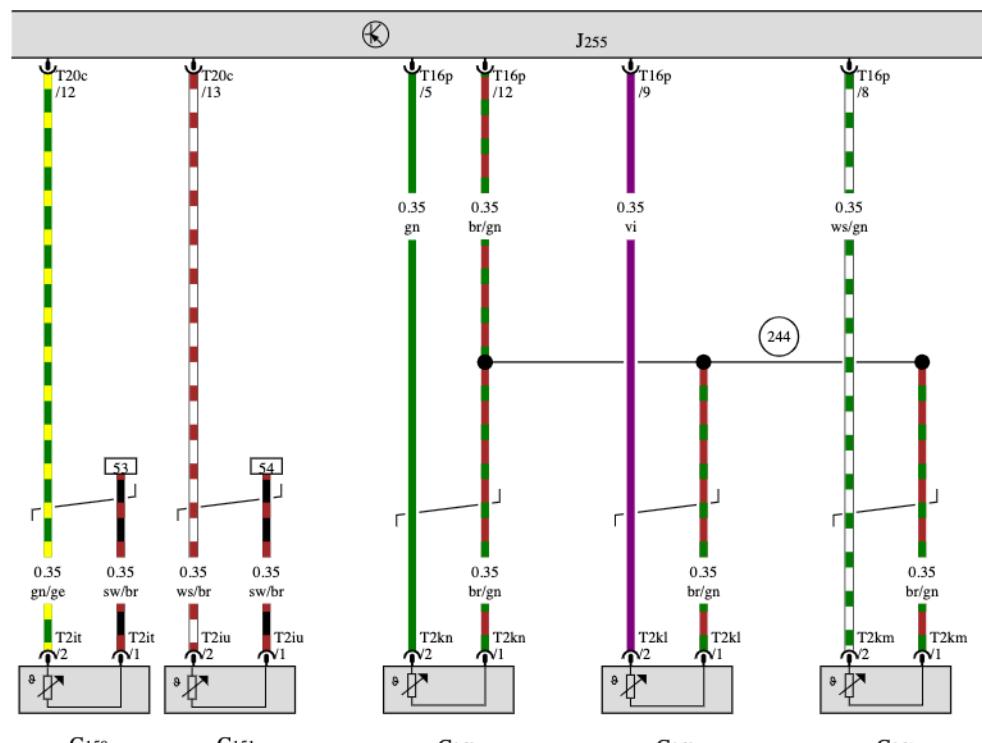
G150 Left Vent Temperature Sensor
 G151 Right Vent Temperature Sensor
 G261 Left Footwell Vent Temperature Sensor
 G262 Right Footwell Vent Temperature Sensor
 G263 Evaporator Vent Temperature Sensor
 J255 Climatronic Control Module
 T2it 2-Pin Connector
 T2iu 2-Pin Connector
 T2kl 2-Pin Connector
 T2km 2-Pin Connector
 T2kn 2-Pin Connector
 T16p 16-Pin Connector
 T20c 20-Pin Connector

244 Sensor Ground Connection (in Climatronic Wiring Harness)



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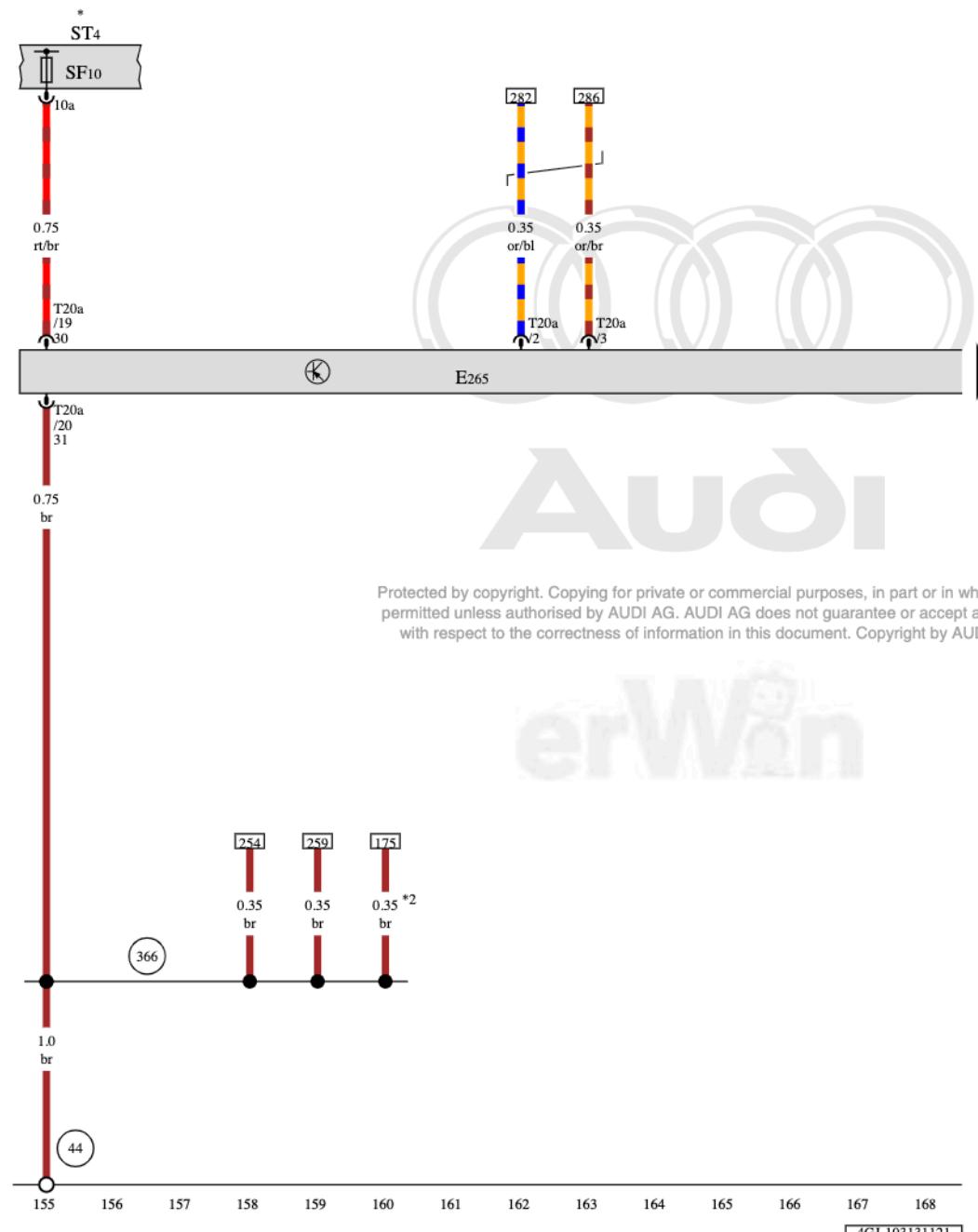
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141 142 143 144 145 146 147 148 149 150 151 152 153 154

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ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= lilac
vi	= lilac
ge	= yellow
or	= orange
rs	= pink



Rear A/C Display Control Head

E265 Rear A/C Display Control Head

ST4 Fuse Panel 4

SF10 Fuse 10 (On Fuse Panel F)

T20a 20-Pin Connector

44 Ground Connection on A-Pillar, Lower Left

366 Ground Connection 1 (in Main Wiring Harness)

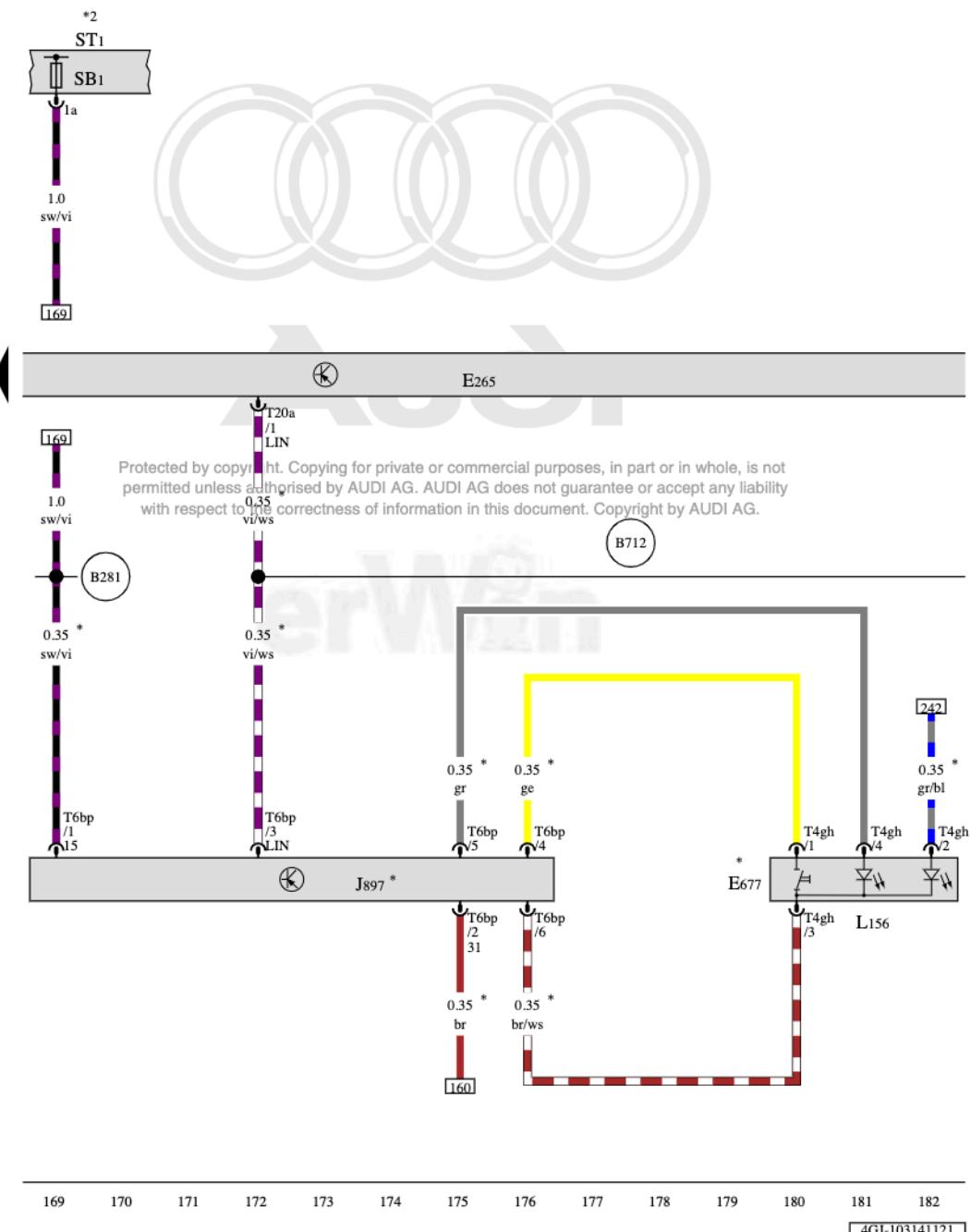
* Refer to Applicable Wiring Diagram for Fuse Positions

*2 For Vehicles with China Equipment

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gr	= grey
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vi	= lilac
ge	= yellow
or	= orange
rs	= pink

erMan



Rear A/C Display Control Head, Ionizer Button, Ionizer Control Module

- | | |
|------|---------------------------------------|
| E265 | Rear A/C Display Control Head |
| E677 | Ionizer Button, On the Right B-Pillar |
| J897 | Ionizer Control Module |
| L156 | Switch Illumination Bulb |
| ST1 | Fuse Panel 1 |
| SB1 | Fuse 1 (On Fuse Panel B) |
| T4gh | 4-Pin Connector, Black |
| T6bp | 6-Pin Connector |
| T20a | 20-Pin Connector |

B281 Positive Connection 5 (15a) (in Main Wiring Harness)

B712 LIN Bus Connection 7 (in Main Wiring Harness)

* For Vehicles with China Equipment

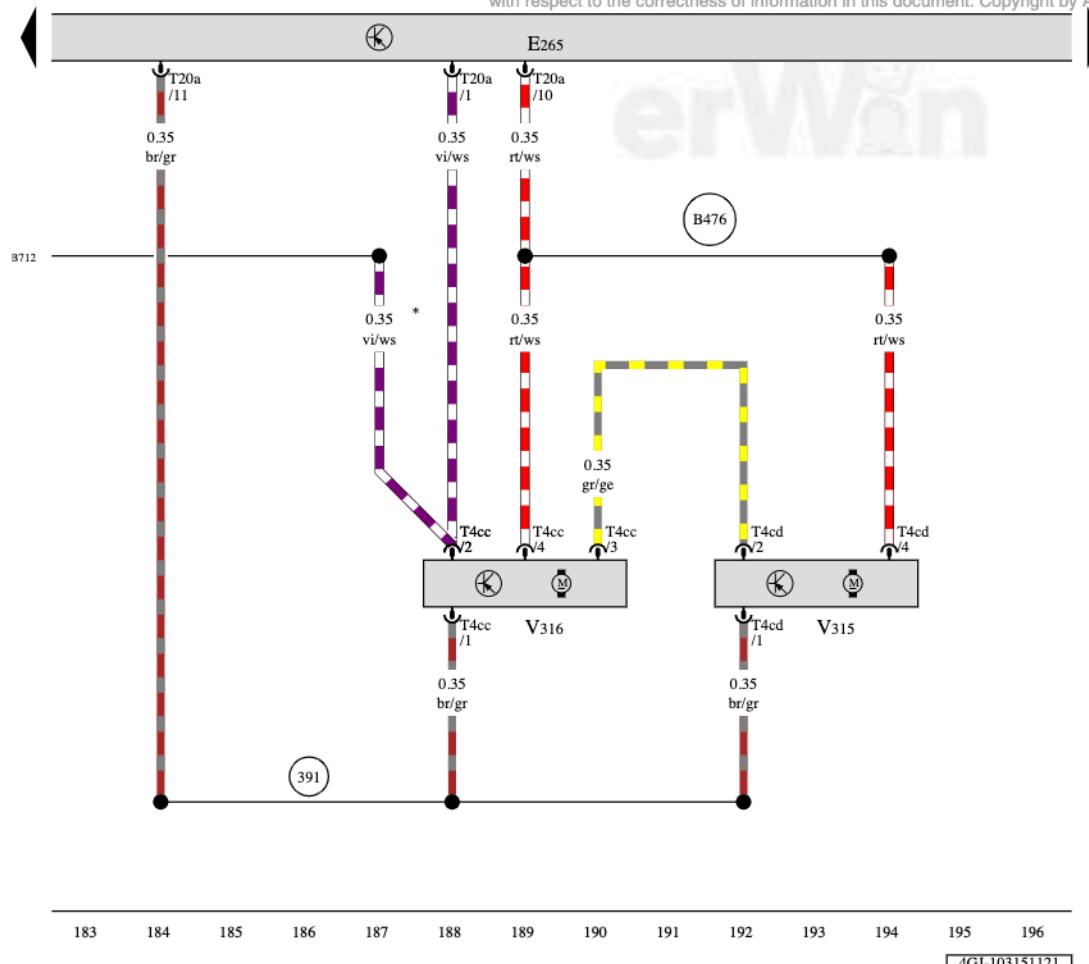
*2 Refer to Applicable Wiring Diagram for Fuse Positions

ws	= white
sw	= black
ro	= red
rt	= red
br	= brown
gn	= green
bl	= blue
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li	= lilac
vi	= lilac
ge	= yellow
or	= orange
rs	= pink



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Rear A/C Display Control Head, Left Rear Upper Body
Vent Adjustment Motor, Right Rear Upper Body Vent
Adjustment Motor

E265 Rear A/C Display Control Head
T4cc 4-Pin Connector
T4cd 4-Pin Connector
T20a 20-Pin Connector
V315 Left Rear Upper Body Vent Adjustment Motor
V316 Right Rear Upper Body Vent Adjustment Motor

391 Ground Connection 26 (in Main Wiring Harness)

B476 Connection 12 (in Main Wiring Harness)

B712 LIN Bus Connection 7 (in Main Wiring Harness)

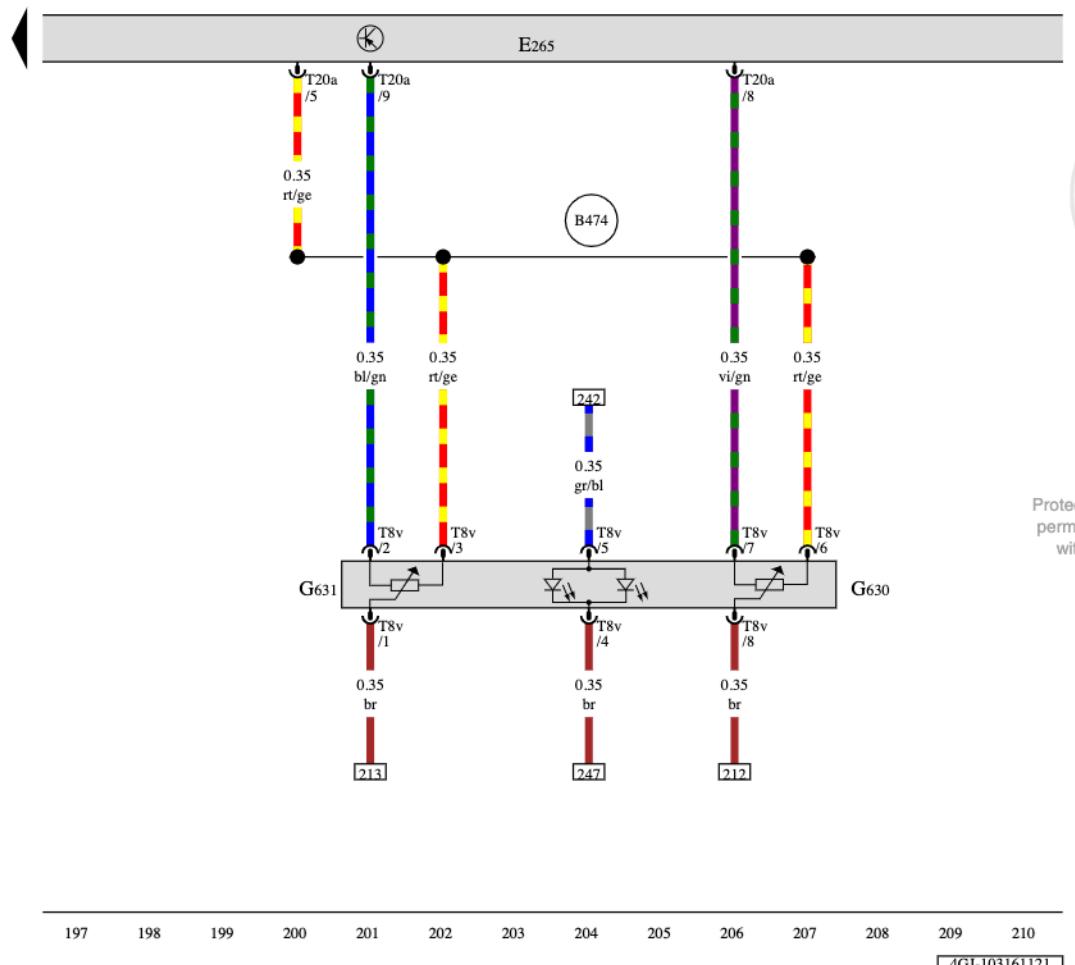
* For Vehicles with China Equipment

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sw	= black
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rt	= red
br	= brown
gn	= green
bl	= blue
gr	= grey
li	= lilac
vi	= lilac
ge	= yellow
or	= orange
rs	= pink

Rear A/C Display Control Head, Position Sensor in Left
Rear Upper Body Vent, Position Sensor in Right Rear
Upper Body Vent

E265 Rear A/C Display Control Head
G630 Position Sensor in Left Rear Upper Body Vent
G631 Position Sensor in Right Rear Upper Body Vent
T8v 8-Pin Connector
T20a 20-Pin Connector

B474 Connection 10 (in Main Wiring Harness)



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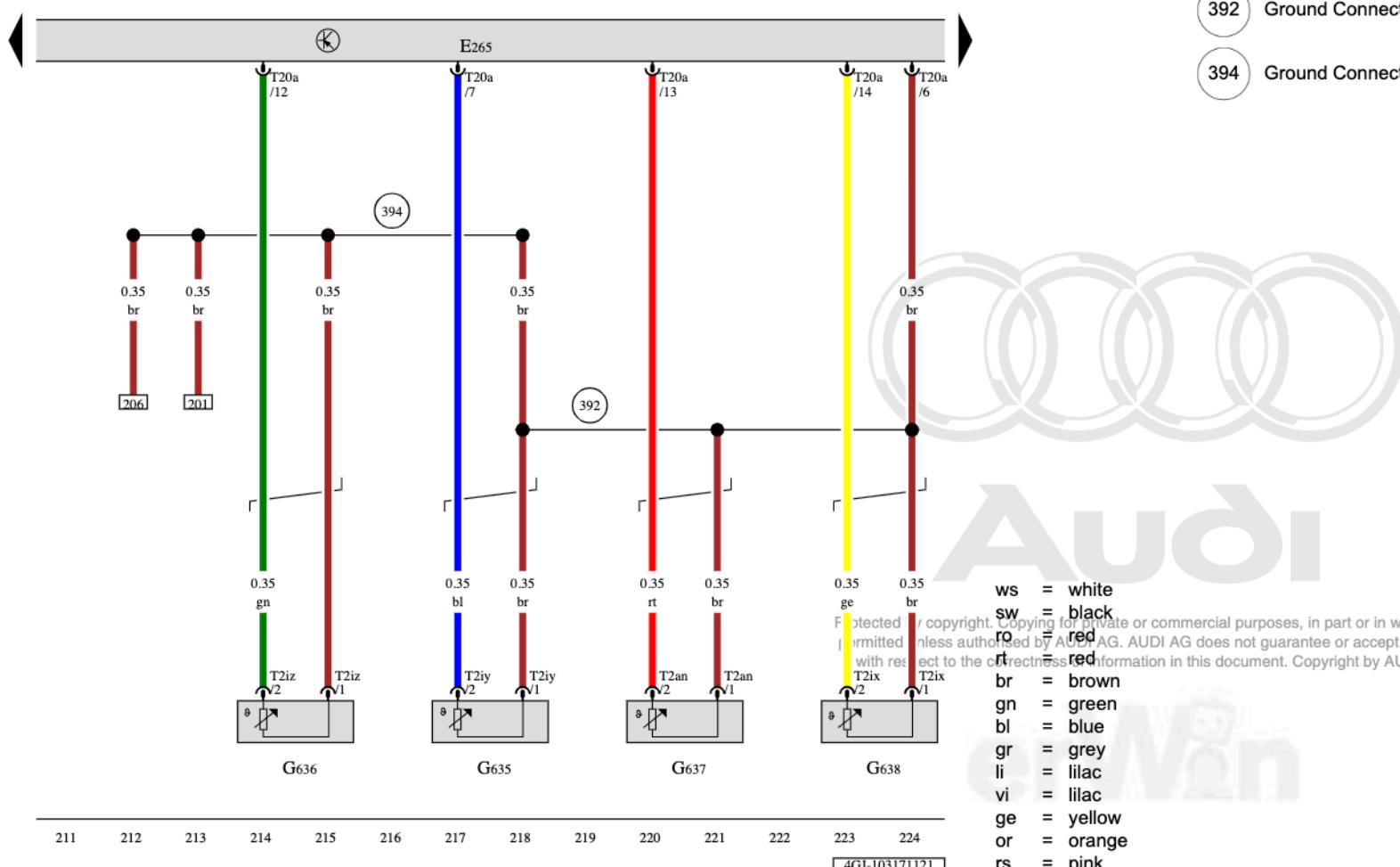
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sw = black
ro = red
rt = red
br = brown
gn = green
bl = blue
gr = grey
li = lilac
vi = lilac
ge = yellow
or = orange
rs = pink

Rear A/C Display Control Head, Left Rear Upper Body
Vent Temperature Sensor, Left Rear Footwell Vent
Temperature Sensor

E265 Rear A/C Display Control Head
G635 Left Rear Upper Body Vent Temperature Sensor
G636 Right Rear Upper Body Vent Temperature Sensor
G637 Left Rear Footwell Vent Temperature Sensor
G638 Right Rear Footwell Vent Temperature Sensor
T2an 2-Pin Connector
T2ix 2-Pin Connector
T2iy 2-Pin Connector
T2iz 2-Pin Connector
T20a 20-Pin Connector

392 Ground Connection 27 (in Main Wiring Harness)

394 Ground Connection 29 (in Main Wiring Harness)



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sw = black

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ft = red

br = brown

gn = green

bl = blue

gr = grey

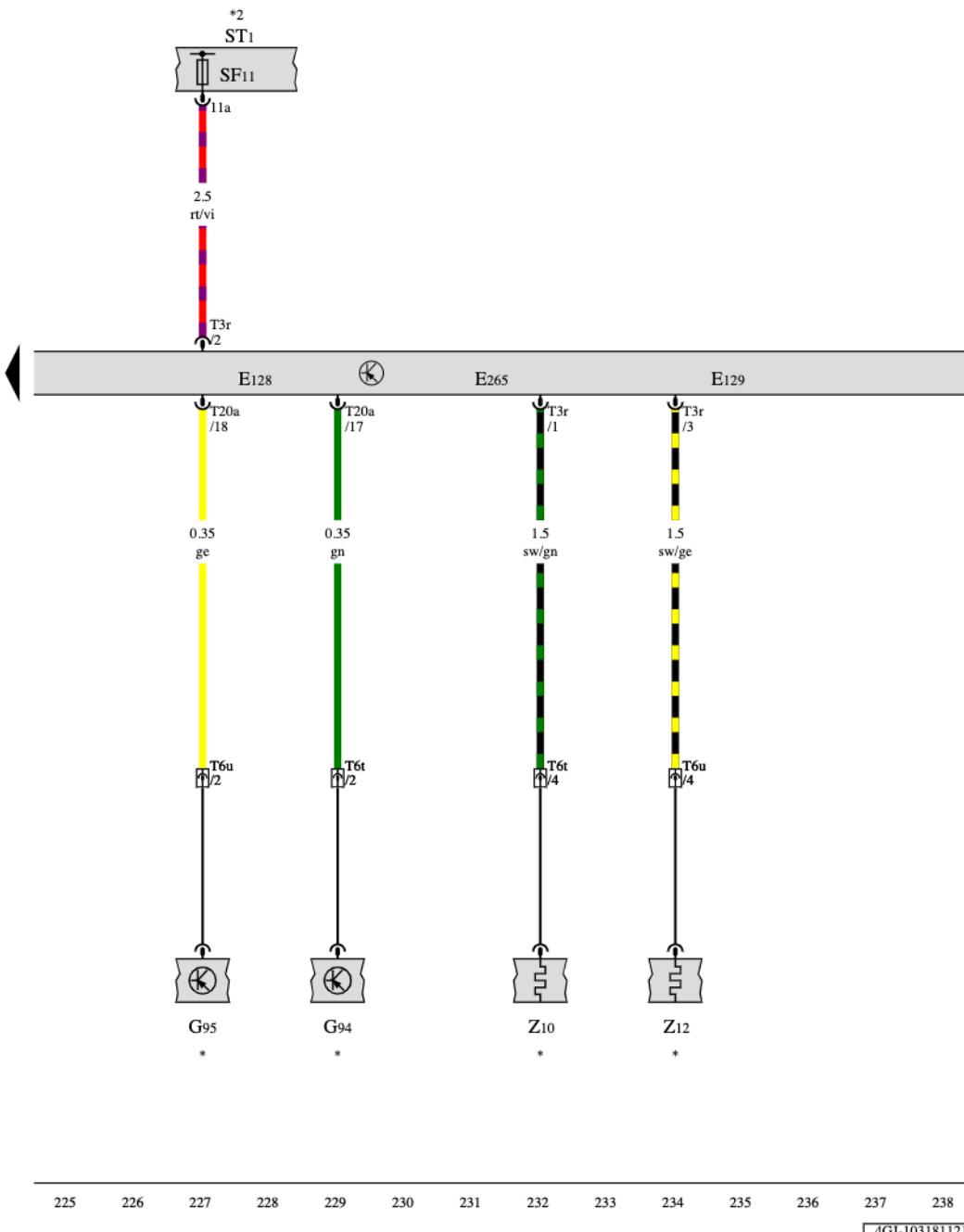
li = lilac

vi = lilac

ge = yellow

or = orange

rs = pink



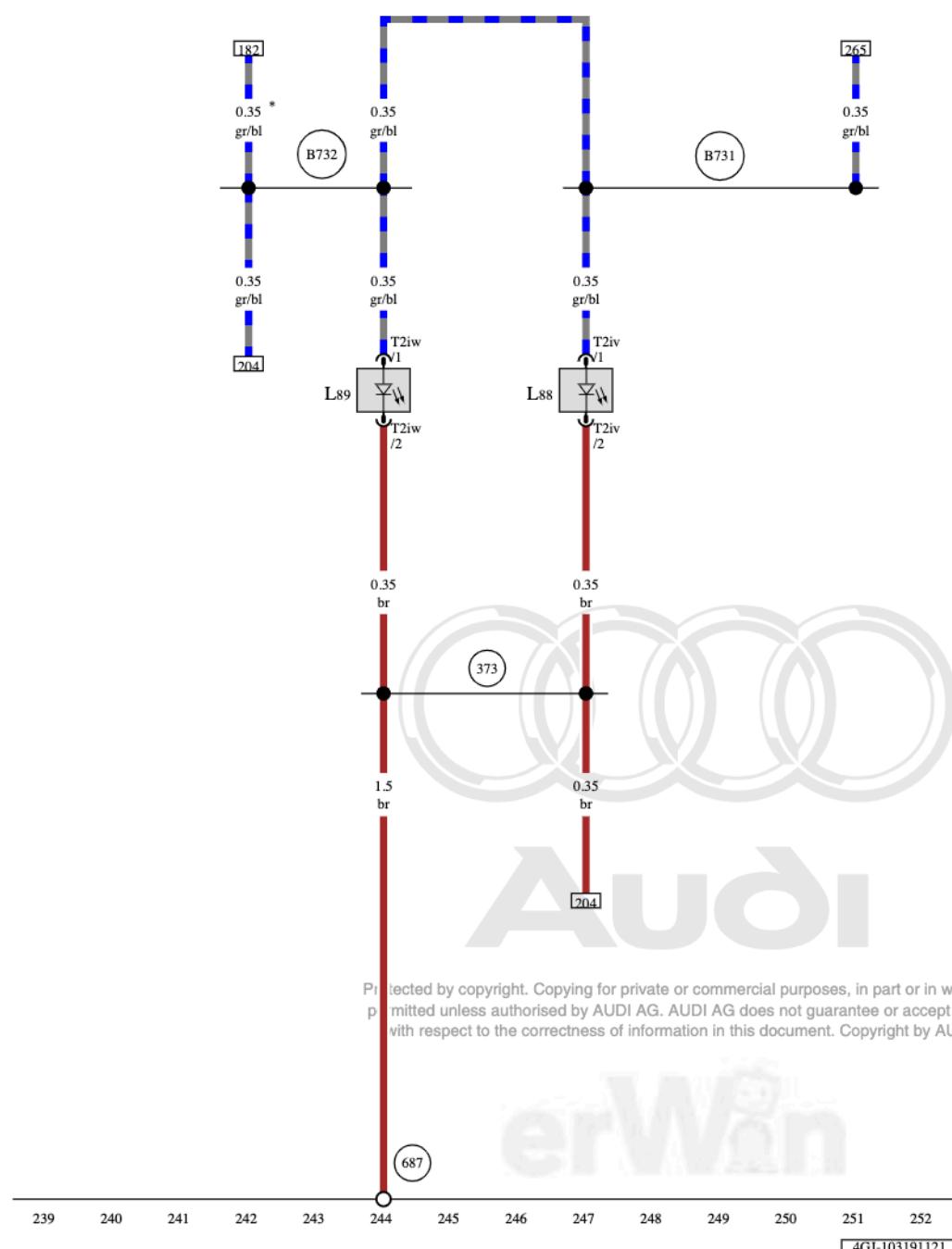
- Left Rear Heated Seat Regulating Switch, Right Rear Heated Seat Regulating Switch, Rear A/C Display Control Head**
- E128 Left Rear Heated Seat Regulating Switch
 - E129 Right Rear Heated Seat Regulating Switch
 - E265 Rear A/C Display Control Head
 - G94 Left Rear Heated Seat Temperature Sensor
 - G95 Right Rear Heated Seat Temperature Sensor
 - ST1 Fuse Panel 1
 - SF11 Fuse 11 (On Fuse Panel F)
 - T3r 3-Pin Connector
 - T6t 6-Pin Connector, In the Coupling Point for the Left Rear Seat
 - T6u 6-Pin Connector, In the Coupling Point for the Right Rear Seat
 - T20a 20-Pin Connector
 - Z10 Left Rear Bench Seat Heating Element
 - Z12 Right Rear Bench Seat Heating Element
 - * Refer to the Applicable Heated Seats Wiring Diagram
 - *2 Refer to Applicable Wiring Diagram for Fuse Positions



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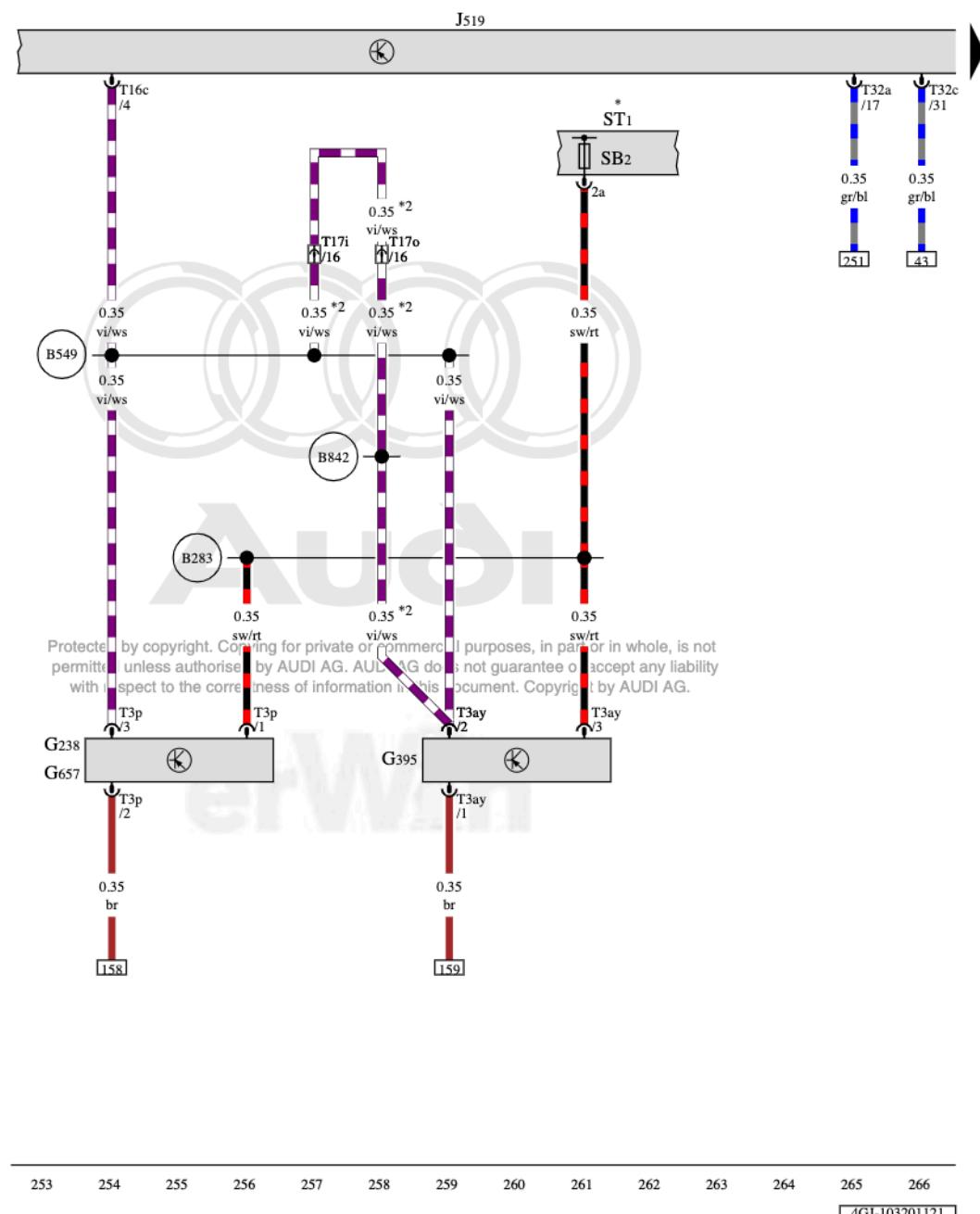


Left Rear Air Vent Illumination Bulb, Right Rear Air Vent Illumination Bulb

- L88 Left Rear Air Vent Illumination Bulb
- L89 Right Rear Air Vent Illumination Bulb
- T2iv 2-Pin Connector
- T2iw 2-Pin Connector
- 373 Ground Connection 8 (in Main Wiring Harness)
- 687 Ground Connection 1 on Center Tunnel
- B731 Connection 58s (in Main Wiring Harness) 1
- B732 Connection 58s (in Main Wiring Harness) 2
- * For Vehicles with China Equipment

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Air Quality Sensor, A/C Pressure/Temperature Sensor,
Humidity Sensor in Fresh Air Intake Duct, Vehicle
Electrical System Control Module



G238 Air Quality Sensor

G395 A/C Pressure/Temperature Sensor

G657 Humidity Sensor in Fresh Air Intake Duct

J519 Vehicle Electrical System Control Module

ST1 Fuse Panel 1

SB2 Fuse 2 (On Fuse Panel B)

T3ay 3-Pin Connector

T3p 3-Pin Connector

T16c 16-Pin Connector

T17i 17-Pin Connector, In the Left A-Pillar Connector Station, Black

T17o 17-Pin Connector, In the Connector Station, Right A-Pillar, Black

T32a 32-Pin Connector

T32c 32-Pin Connector

B283 Positive Connection 7 (15a) (in Main Wiring Harness)

B549 LIN Bus Connection 2 (in Main Wiring Harness)

B842 LIN Bus Connection 8 (in Main Wiring Harness)

* Refer to Applicable Wiring Diagram for Fuse Positions

*2 For RHD Vehicles

ws = white

sw = black

ro = red

rt = red

br = brown

gn = green

bl = blue

gr = grey

li = lilac

vi = lilac

ge = yellow

or = orange

rs = pink

Vehicle Electrical System Control Module, A/C
Compressor Regulator Valve

- J519
-
- J519 Vehicle Electrical System Control Module
 N25 A/C Clutch
 N280 A/C Compressor Regulator Valve
 T2s 2-Pin Connector
 T3cq 3-Pin Connector
 T14s 14-Pin Connector, Left Plenum Chamber E-Box Connector Station, Brown
 T14t 14-Pin Connector, Left Plenum Chamber E-Box Connector Station, Black
 T14u 14-Pin Connector, Left Plenum Chamber E-Box Connector Station, Black
 T17a 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, White
 T17d 17-Pin Connector
 T17h 17-Pin Connector, In the Left A-Pillar Connector Station, Red
 T17z 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, Brown
 * Depending on Equipment

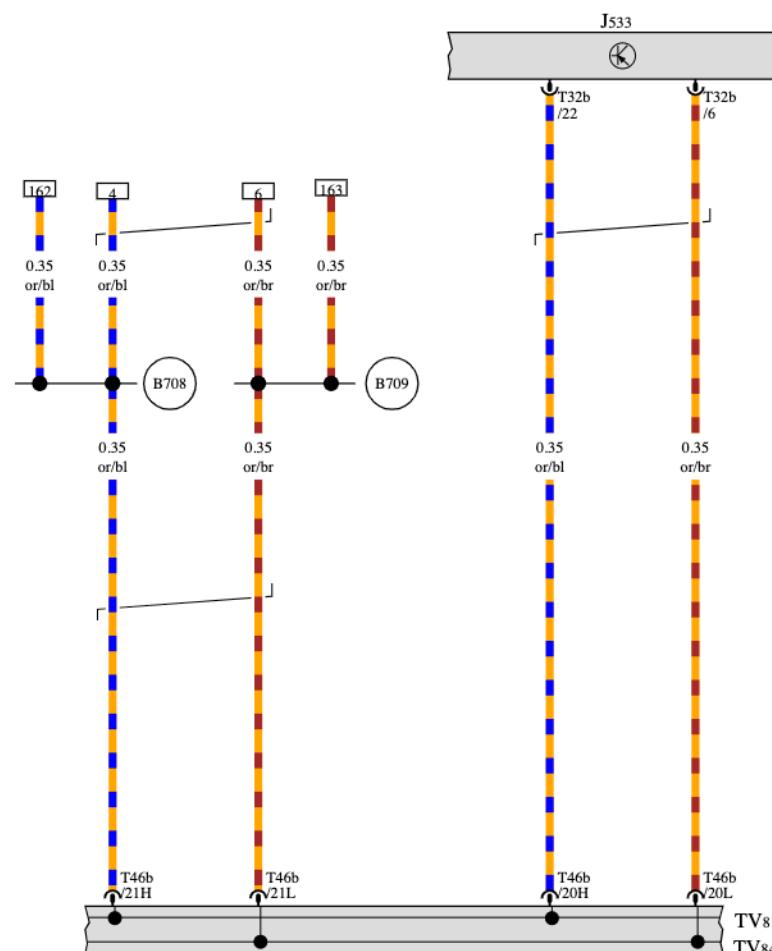
* Depending on Equipment



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vi	= lilac
ge	= yellow
or	= orange
rs	= pink



Data Bus on Board Diagnostic Interface, Instrument Cluster CAN Bus High Wire Junction 2

- J533 Data Bus on Board Diagnostic Interface
- T32b 32-Pin Connector
- T46b 46-Pin Connector
- TV81 Instrument Cluster CAN Bus High Wire Junction 2, On the Relay and Fuse Panel in the Luggage Compartment, Right
- TV84 Instrument Cluster CAN Bus Low Wire Junction 2
- (B708) Instrument Cluster CAN Bus High Connection 1 (in Main Wiring Harness)
- (B709) Instrument Cluster CAN Bus Low Connection 1 (in Main Wiring Harness)

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ge	= yellow
or	= orange
rs	= pink